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**Automotive battery condition monitor and monitoring method**

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Inventor: YEOH BOON WAN (MY); CHOK MEO LIM (MY); KOK  
CHEE HONG (MY)  
Applicant: CK ELECTRONICS SDN BHD (MY)  
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**Abstract of TW451068B**

The present invention discloses an automotive battery condition monitor and monitoring method mainly used to identify the functionally decaying automotive batteries by monitoring the changes in the voltage of sawtooth waveform signals generated after the start of the engine. The voltage of sawtooth waveform signals generated after the start of the engine is compared with the preset comparison voltage. If the voltage of sawtooth waveform signals exceeds the range of the preset comparison voltage, the functional condition of the automotive battery which has started decaying will be indicated by voice or light. Therefore, the present invention not only simplifies the traditional inspection procedures of automotive battery testing apparatus without affecting the normal function and service time of the automotive battery but also reduces the manufacturing cost of the apparatus.

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